

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Application Number: 10/633,831

Filing Date: Aug 04, 2003

Certificate of Transmission under 37 CFR 1.8

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1. Certificate of Transmission
2. Fee Transmittal
3. Response to Office Action of 7/26/2004 (12 pages)

TOTAL PAGES TRANSMITTED: 14

FAX NO: 703-872-9306

Attorney Docket No: RB1-045US
Confirmation No: 5262

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 86.00)

Complete if Known

Application Number	10/633,831
Filing Date	Aug 04, 2003
First Named Inventor	Nguyen
Examiner Name	
Art Unit	2816
Attorney Docket No.	RB1-045US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

Deposit Account Number	12-0769
Deposit Account Name	Lee & Hayes, PLLC

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 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
18	-20** = 0		X 0	= 0	
6	- 3** = 1		X 86	= 86	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 8	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue Independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 86.00)		

** or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 685	Petition to revive - unintentional	
1501 1,330	2501 885	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Emmanuel R. Rivera	Registration No. (Attorney/Agent)	45,760	Telephone (509) 324-9256
Signature		Date	9/16/04	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Application Serial No. 10/633,831
Filing Date August, 2003
3 Inventorship Nguyen et al
Applicant Rambus Inc.
4 Group Art Unit 2816
Examiner Minh T. Nguyen
5 Attorney's Docket No. RB1-045US
Title: Phase Synchronization For Wide Area Integrated Circuits

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8 To: Honorable Commissioner for Patents
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13 **RESPONSE TO OFFICE ACTION OF JULY 26, 2004**

14

15 Sir:

16 In response to the Office action of July 26, 2004, the following is
17 presented:

18 Listing of claims begins on page 2 of this paper.

19 Remarks/Arguments begin on page 9 of this paper.

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